

Southern California Edison: CPUC's All Party Meeting Update On Energy Efficiency

Dated May 30, 2006

SCE's Energy Efficiency Goals

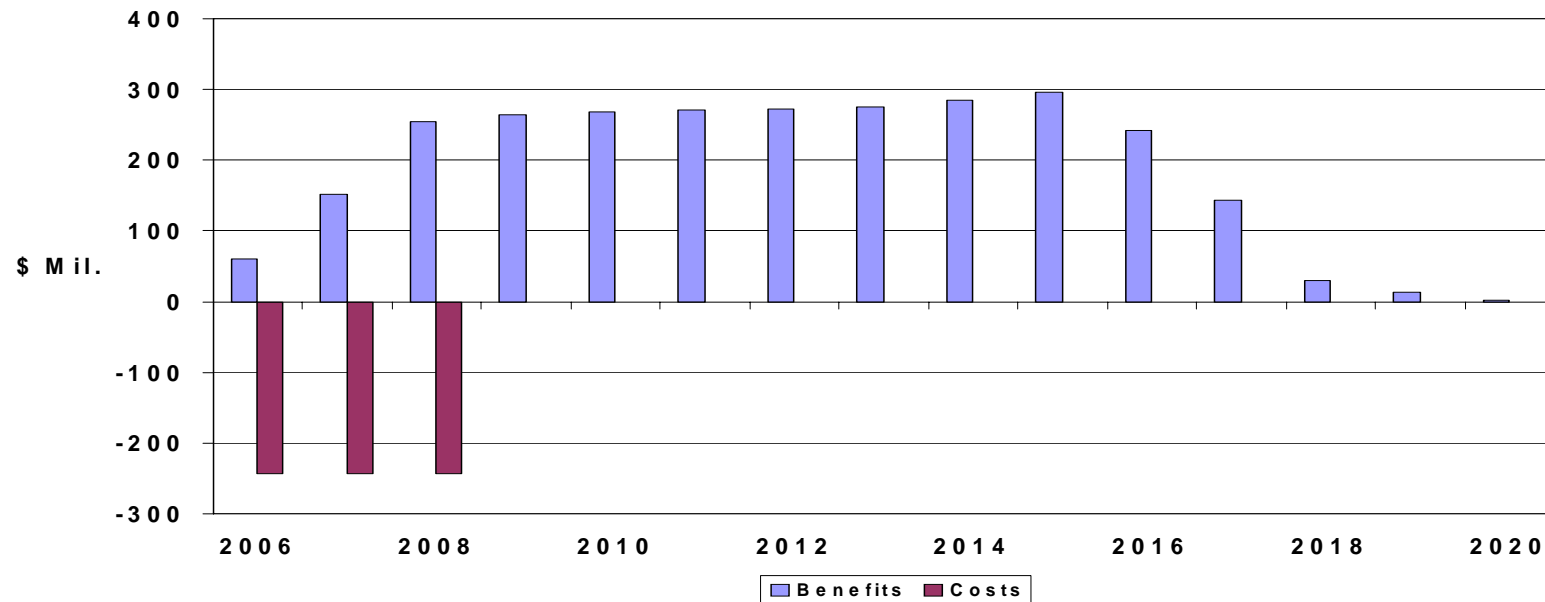
Southern California Edison Energy Efficiency Goals for 2006-2008

(MW and GWh are installed targets)

	MW, Net Demand Reduction	GWh, Net Energy Savings
2006	207	922
2007	219	1,046
2008	246	1,167
Total	672	3,135

note - CPUC adopted energy efficiency goals and funding levels for the 2006-08 period.

Costs And Benefits



For the 3-year cycle, benefits continue to 2020

The present value of all TRC Net benefits is \$1.2 billion (net of costs)

Costs during 2006-2008 total \$723 million

Energy Efficiency Programs

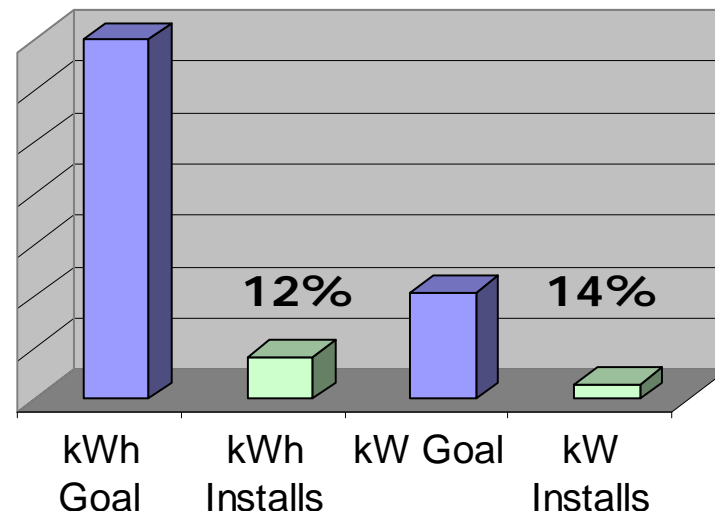
□ Principles:

- Portfolio focused on achieving cost-effective and reliable energy efficiency
- SCE portfolio includes combination of market and strategy-based approaches
- Demonstrate and deploy best practices, innovation and new technologies
- Increase utilization of “market-based” approaches
- Utilize strengths of partners (3rd parties, local governments) in all areas of program portfolio

Energy Efficiency Portfolio Overview

- Core programs such as SPC, Express, Residential Rebates, Appliance Recycling are currently available
- Competitive bid programs are preparing to launch
- Existing partnerships continue to operate, new partnerships forming

SCE's 2006 Energy Efficiency Results
(thru April 2006)



Partnerships

□ Guiding Principles

- Ongoing EE business relationship that leverages strengths of partners.
- Delivery channel for entire SCE portfolio
- Partnership allows for customization
- Focus on cost effective, broad and deep harvest of savings through a distributed infrastructure of durable local delivery networks.

□ Status

- All 7 existing partnerships from 2005 continue to operate in 2006
- We have added several new partnerships in 2006
- We have just added Department of General Services

Partnerships

- 13 partnerships representing 90 million kWh in savings and 18 MW demand reductions
- Mix of new and pre-existing partnerships categorized in two general types:
 - Institutional
 - UC/CSU, Community Colleges, Dpt. of Corrections, L.A. County
 - Community
 - Ventura County, Riverside County, Santa Barbara County and cities, Bakersfield & Kern County, South Bay cities, San Gabriel cities, Community Energy Partnerships, Ridgecrest, Town of Mammoth Lakes



Partnerships

- ❑ SCE's Local Government Energy Action Resources Program (LGEAR)
 - Provides a means for development of new partnership programs during the three year cycle
 - Offers a customizable menu of services
 - Capitalizes on best practices and lessons learned from other partnerships
 - ❑ Standardizes proven effective approaches
 - ❑ Maximizes strengths and skills of partners
 - ❑ Minimizes duplication of administrative costs
 - Current participants
 - ❑ City of Ridgecrest
 - ❑ Town of Mammoth Lakes

Greenhouse Gas Emissions

- SCE 2006-8 EE portfolio is expected to produce:
 - Lifecycle CO₂ Emission Reductions
 - 20,563,438 tons
 - Lifecycle NO_x Emission Reductions
 - 5,574,745 lbs.
 - Lifecycle PM₁₀ Emission Reductions
 - 2,639,538 lbs.
- Total Cumulative Cars Taken Off Road By 2008
 - 341,197

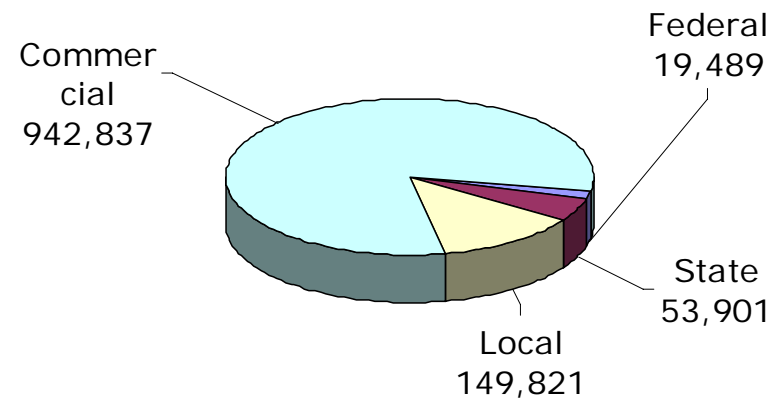
Annual CO₂ Emission Reductions



Green Building Initiative

- SCE's portfolio offers a host of programs that will assist in achieving California's 20% reduction goal:
 - Standard Performance Contract
 - Express Efficiency
 - Comprehensive HVAC
 - Retro-commissioning
 - Sustainable Communities
 - Direct Install
 - Savings By Design (new construction)
 - Partnerships
 - Community Colleges
 - UC/CSU
 - Dept. of Corrections
 - Dept. of General Services (just added)

Green Building Initiative: SCE's 2006-8 Savings Forecast (MWh)



Competitive Program Solicitation

- ❑ SCE conducted several competitive solicitations to find programs that can assist in the achievement of near- and long-term EE goals.
- ❑ SCE selected 42 programs totaling more than \$235 million which are expected to produce more than 1 billion kWh of net annualized energy savings and almost 280 MW of net demand reduction over the 2006-08 cycle.
- ❑ One key to success requires a close cooperation, coordination and sharing of program activities among SCE and program implementers.
- ❑ SCE is currently conducting two more general solicitations in 2006 for a total of more than \$10 million
 - IDEEA - Innovative Designs for Energy Efficiency Activities
 - InDEE - Emerging technology focus
- ❑ For more information go to
<http://www.sce.com/DoingBusiness/EEContractingOpportunities/>
- ❑ **Proposals due June 8, 2006**
- ❑ One more general solicitation to be conducted in 2007:
 - InDEE - Emerging technology focus